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MARCH 25, 1996

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100101665A

REEL 1

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RECORDATION DATE: 09/25/1995

REEL/FRAME: 7716/0303

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

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DOC DATE: 08/18/1995

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DOC DATE: 08/18/1995

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DOC DATE: 08/18/1995

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DOC DATE: 08/18/1995

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DOC DATE: 08/21/1995

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KAWASAKI-SHI, JAPAN

7716/0303 PAGE 2

SERIAL NUMBER: 08492728
PATENT NUMBER:



FILING DATE: 06/20/1995
ISSUE DATE:

DOROTHY RILEY, EXAMINER
ASSIGNMENT DIVISION
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Patent and Trademark Office

To the Assistant Commissioner for Patents: Please recur the attached original documents or copy thereof.

100101665

1. Name of conveying party(ies):

Mutsumu SERIZAWA, Nobuyasu NAKAJIMA, Koji OGURA, Minoru NAMEKATA, Takashi WAKUTSU and Manabu MUKAI

Additional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

- | | |
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| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
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Execution Date: August 18 and 21, 1995

2. Name and address of receiving party(ies):

Name: KABUSHIKI KAISHA TOSHIBA

Internal Address:

Street Address: 72, Horikawa-cho, Saiwai-ku, Kanagawa-kenCity: Kawasaki-shi, State: Japan ZIP:Additional name(s) & address(es) attached? No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

08/492,728

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard L. SchwaabInternal Address: FOLEY & LARDNERStreet Address: 3000 K Street, N.W., Suite 500City: Washington, State: D.C. ZIP: 20007-51096. Total number of applications and patents involved: 17. Total fee (37 C.F.R. § 3.41). \$40.00 Enclosed Authorized to be charged to deposit account8. Deposit account number: 19-0741

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

for

Richard L. Schwaab

Name of Person Signing

George E Quillin

Signature

Date 09/29/95
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Assistant Commissioner for Patents, Box Assignments

Washington, D.C. 20231

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto **KABUSHIKI KAISHA TOSHIBA**
72, Horikawa-cho, Saiwai-ku
Kawasaki-shi, Kanagawa-ken, Japan

name and address of assignee

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

RADIO COMMUNICATION SYSTEM INCLUDING SDL HAVING TRANSMISSION RATE OF RELATIVELY HIGH SPEED

as set forth in his United States Patent Application

check one

- executed concurrently herewith
 executed on _____
 Serial No. 08/492,728

Filed June 20, 1995

in and to said United States Patent Application including any and all divisions or continuations thereof and in any and all Letters Patent of the United States which may issue on any such application or for said invention including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

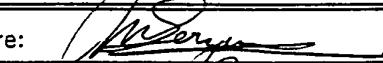
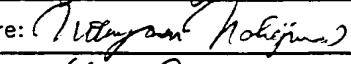
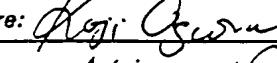
Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell or assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuation thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS

Name: Mutsumu SERIZAWA	Signature: 	Date: Aug. 18, 1995
Name: Nobuyasu NAKAJIMA	Signature: 	Date: Aug. 18, 1995
Name: Koji OGURA	Signature: 	Date: Aug. 18, 1995
Name: Minoru NAMEKATA	Signature: 	Date: Aug. 18, 1995

NAMES AND SIGNATURES OF WITNESSES

Name:	Signature:	Date:
Name:	Signature:	Date:

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Additional inventors on attached page 2.

NAMES AND SIGNATURES OF INVENTORS

Name: Takashi WAKUTSU	Signature: <i>Takashi Wakutsu</i>	Date: Aug. 18. 1995
Name: Manabu MUKAI	Signature: <i>Manabu Mukai</i>	Date: Aug. 21, 1995
Name:	Signature:	Date:
Name:	Signature:	Date:

NAMES AND SIGNATURES OF WITNESSES

Name:	Signature:	Date:
Name:	Signature:	Date: